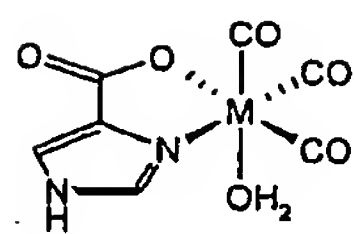
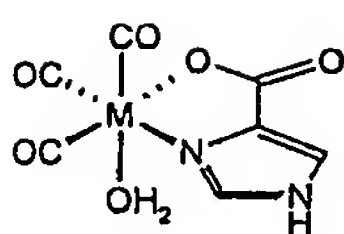


1/6

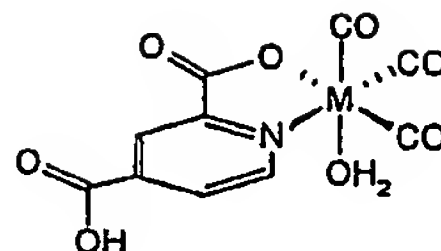
Fig. 1



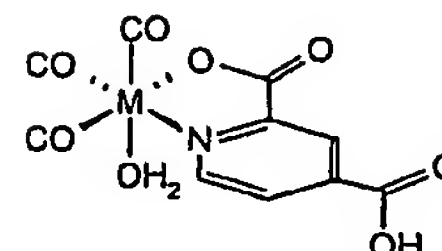
1a



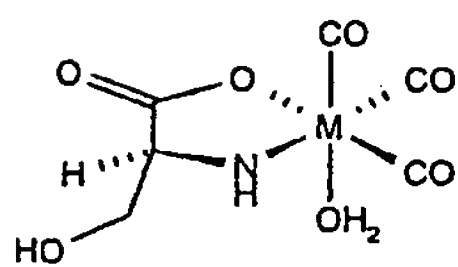
1b



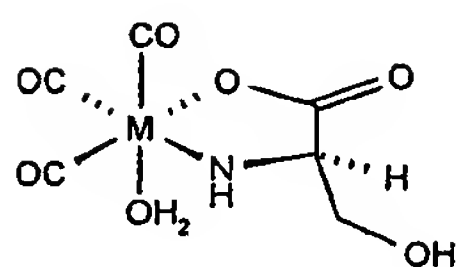
2a



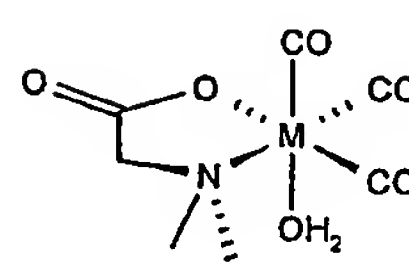
2b



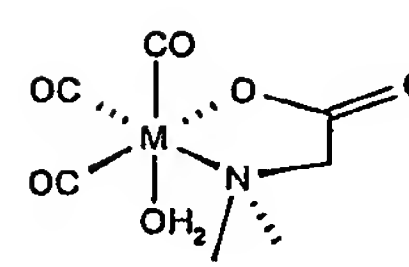
3a



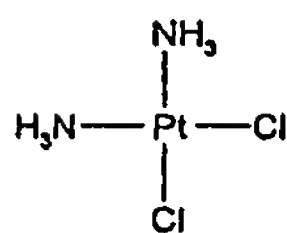
3b



4a

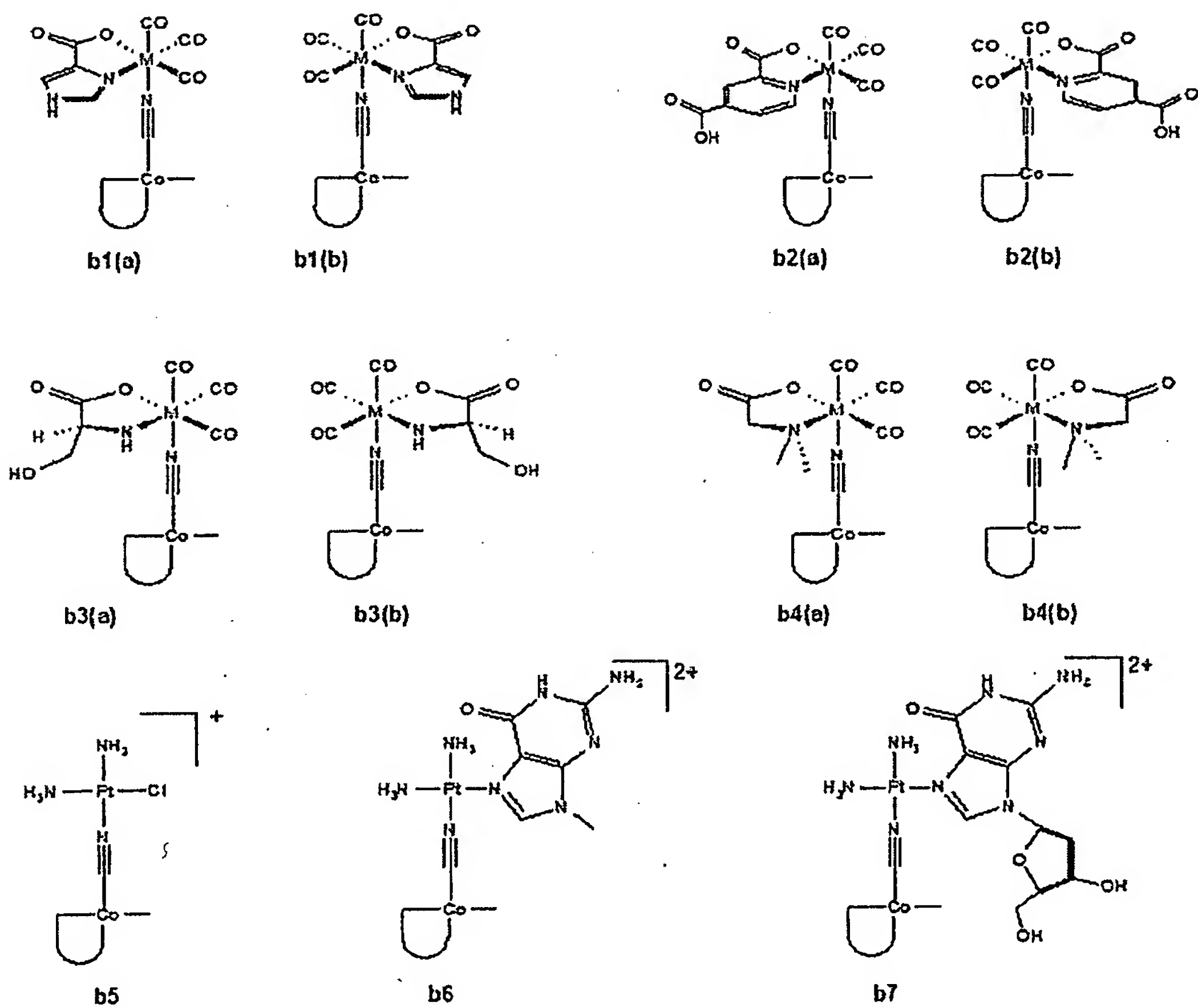


4b



5

Fig. 2



3/6

Fig. 3

Vitamine B12 labeling met Carbonyl.

Detector: NaI kristal

Flow: 0,5 ml/min.

Scheidingskolom: Macherey-Nagel Nucleosil C18

Mobiele fase: A: 0,1% TPA and B: 100% MeOH

Looptijd: 40 min.

Kolom temperatuur: 25C

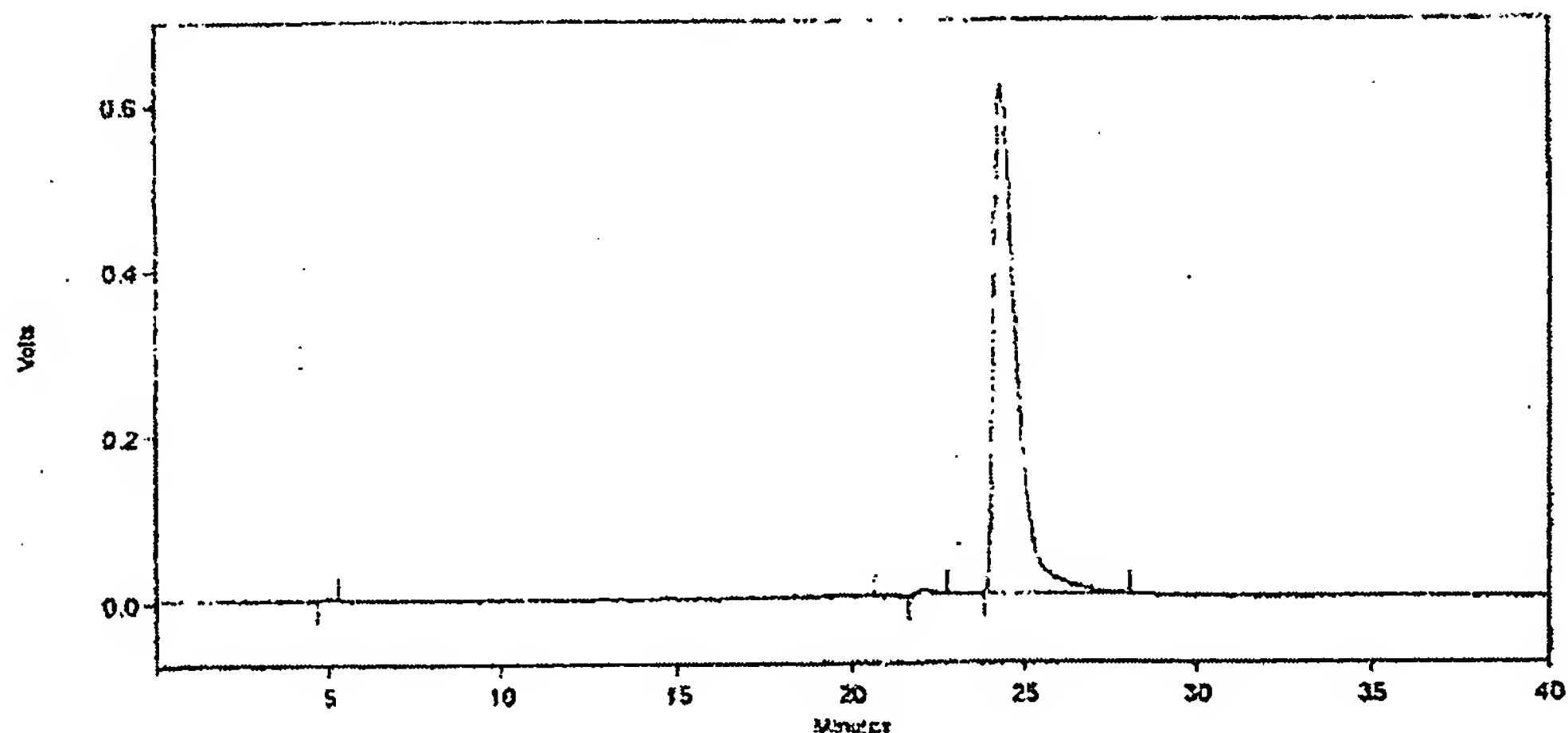
Opstelling: 4

D:\R&D\servries\Methods\VB12_Carbonyl_Labeling.mel

D:\R&D\servries\Data\04335servries4_091204_004

Isolink batch: 167552 labeled with 1 ml pertechnate and boiled for 20 min. Brought at pH 3. From this solution 0,1 ml + 0,9 ml Vitamine B12 solution 10 mM and boiled for 30 min.

Fourth Labeling



Detector
D

PK #	Retention Time	Start Time	Stop Time	Area	Area Percent	Theoretic al plates	Asymmet ry	Resolution
	4.933			42352	0.15	0.00	0.00	0.00
2	20.267			21132	0.07	0.00	0.00	0.00
3	22.017			196144	0.69	0.00	0.00	0.00
4	24.317			2807023	99.08	0.00	0.00	0.00
				0				

Totals				2832985	100.00			
				8				

Fig. 4

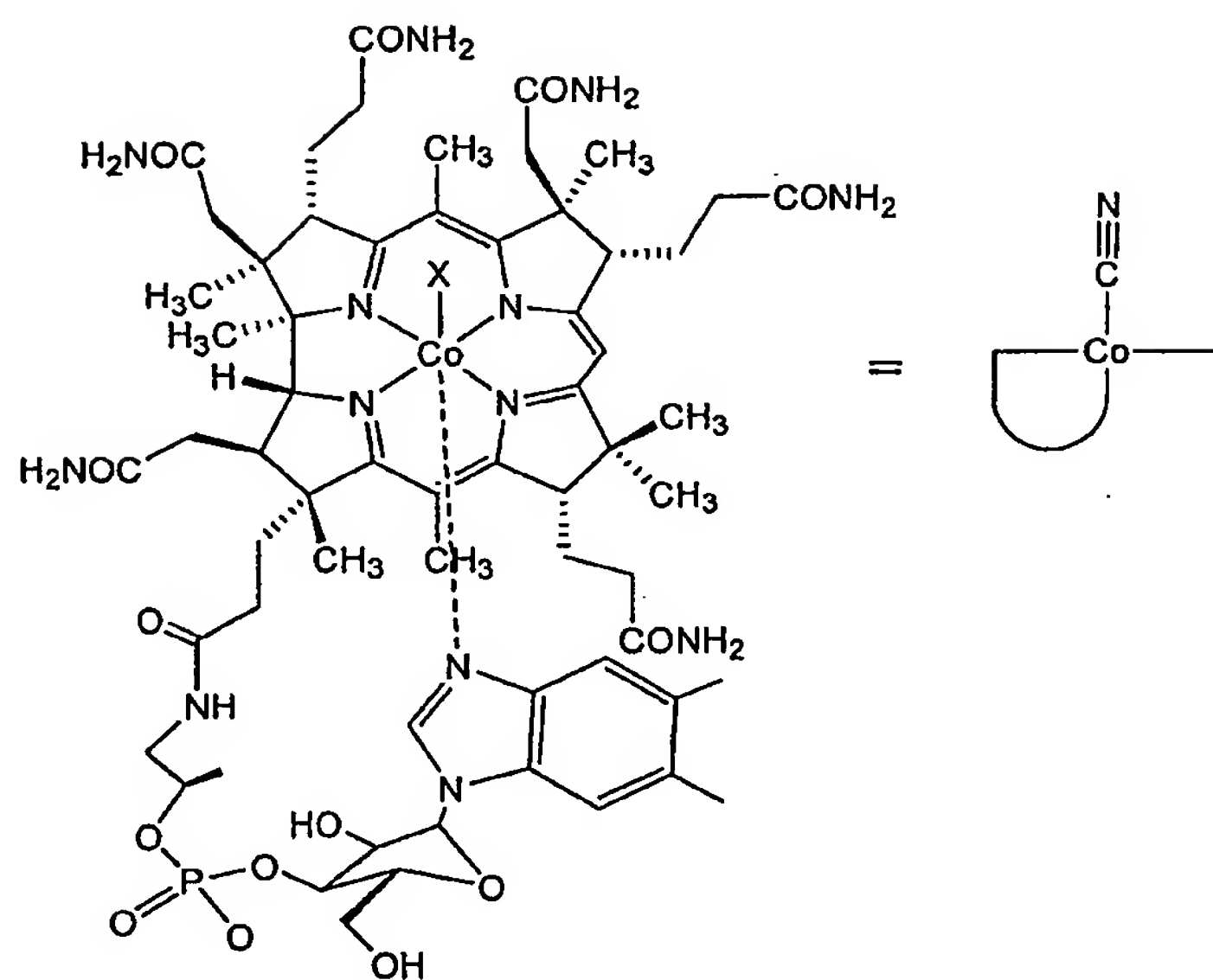
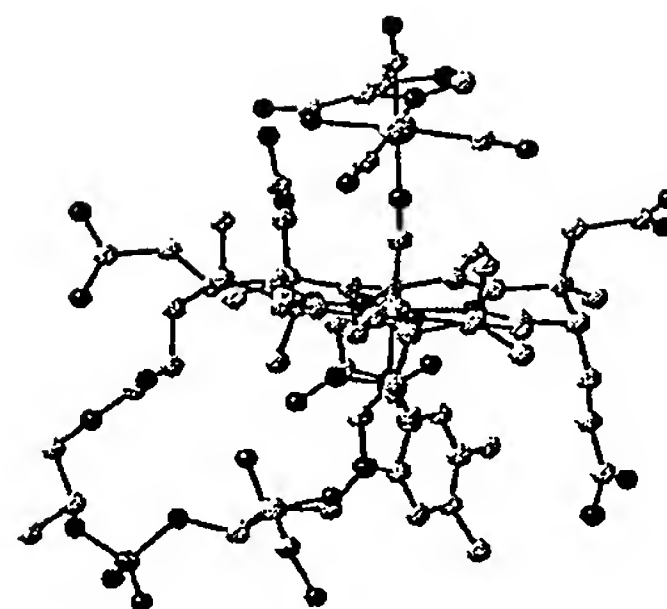
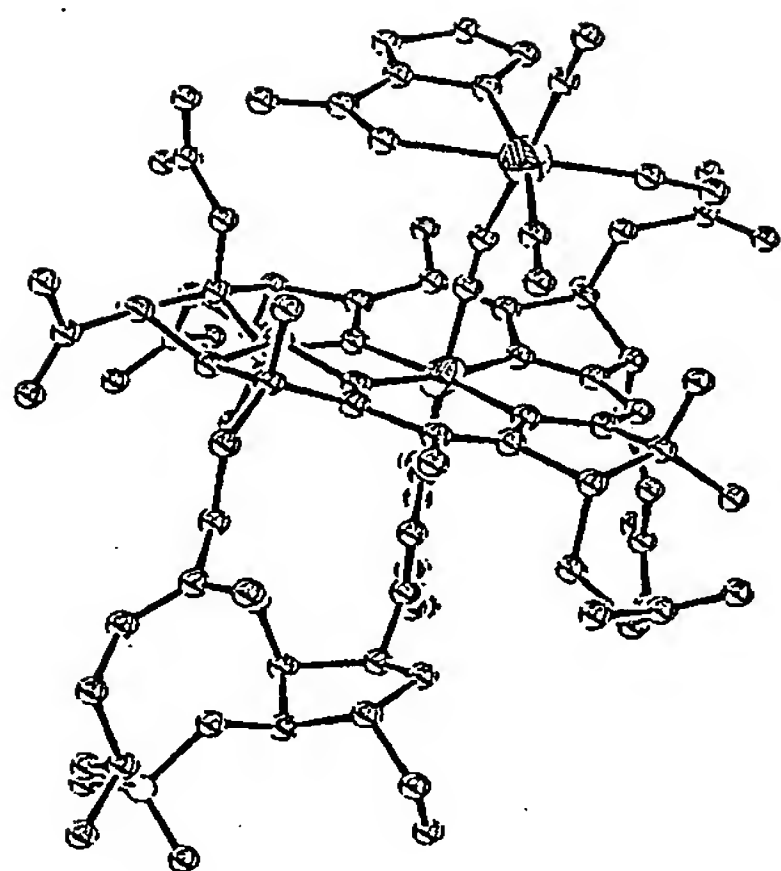
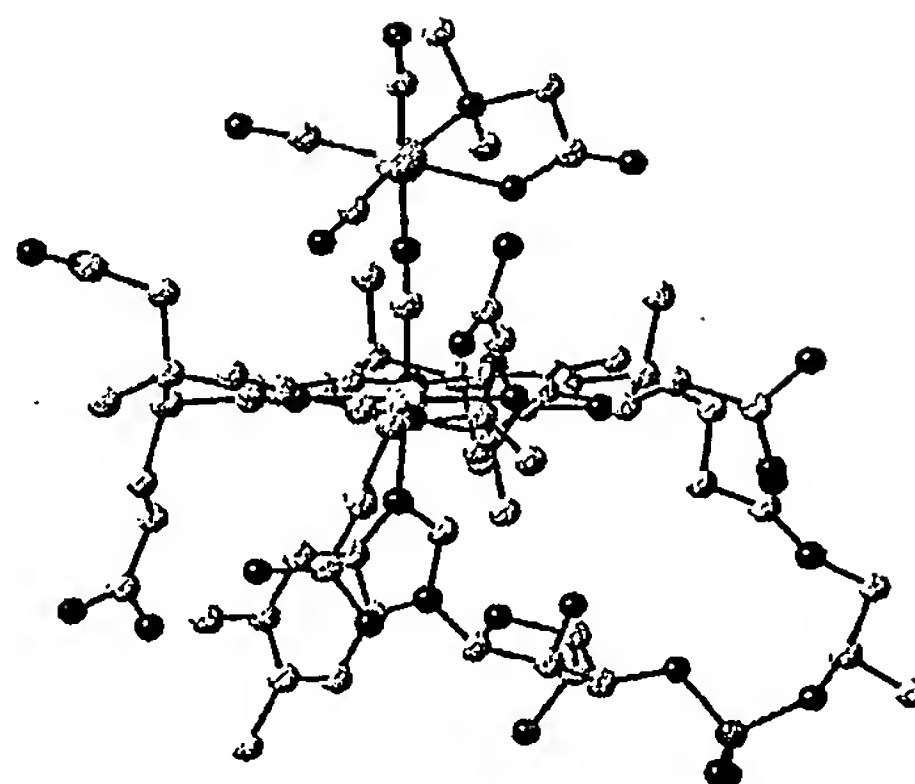


Fig. 5A

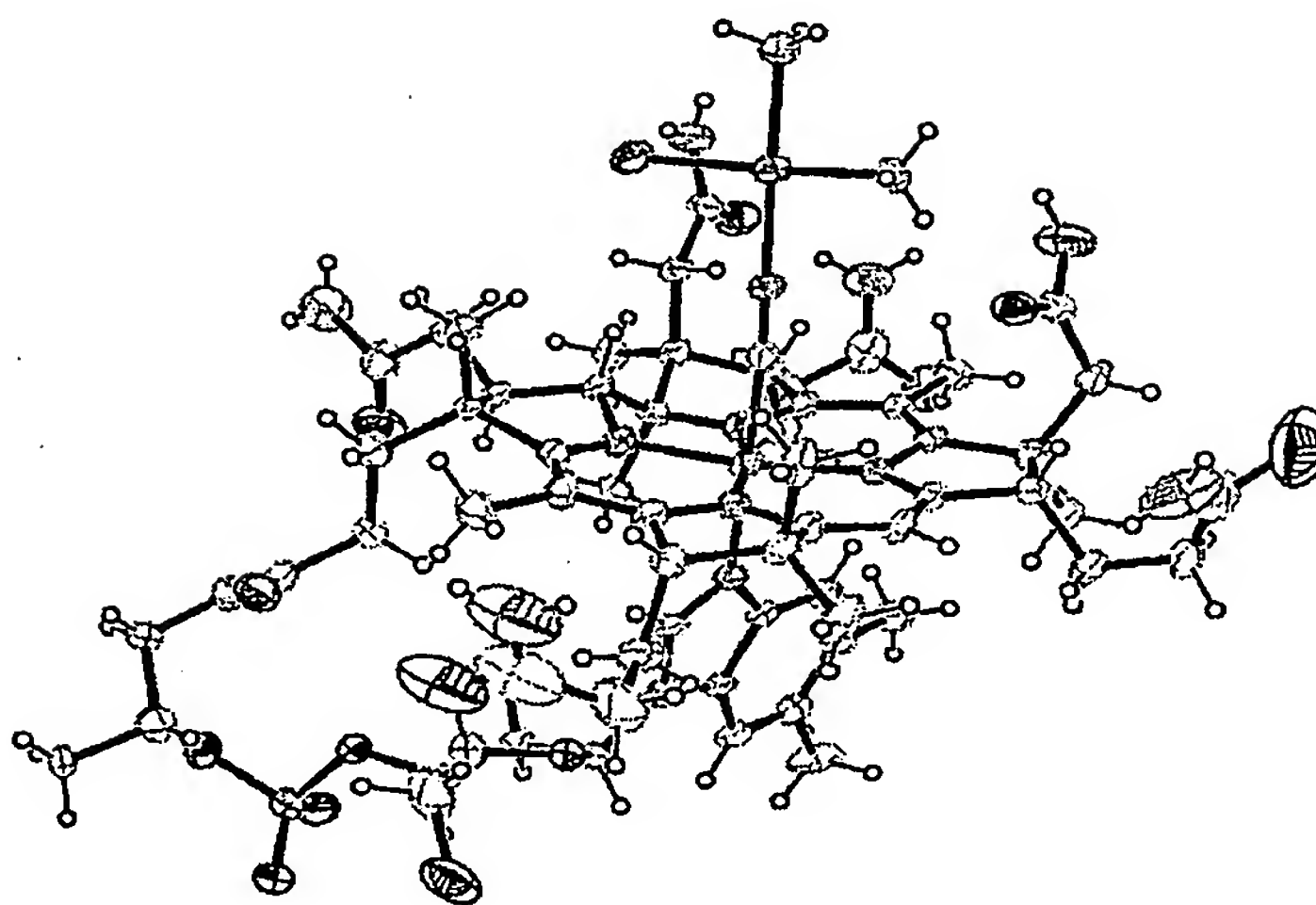


compound b1

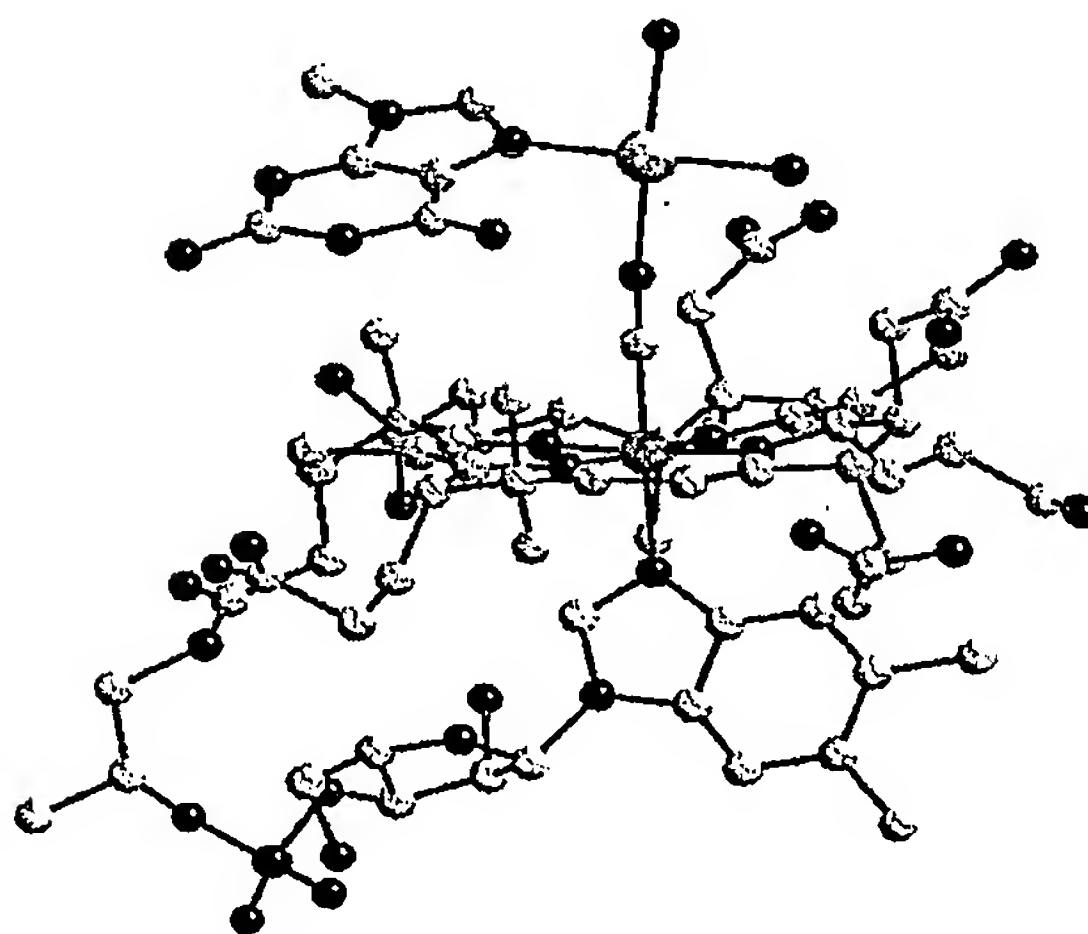


compound b4

Fig. 5B



compound b5



compound b6